



ENFORCER Products
 A Division of Acuity Specialty Products
 Group, Inc.
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Material Safety Data Sheet and Safe Handling and Disposal Information

Section 1. Chemical Product and Company Identification

Product name **Stainless Steel Cleaner**
Product Code **ZSSC16**
Date of issue **03/12/07** **Supersedes** 09/23/05

Emergency Telephone Numbers **For a Medical Emergency:**
 INFOTRAC
 (877) 541-2016 (Toll Free - Calls Recorded)

For a Transportation Emergency:
 CHEMTREC
 (800) 424-9300 (Toll Free - Calls Recorded)

Printing Date:

Prepared by Compliance Services Group
 Acuity Specialty Products Group
 1420 Seaboard Industrial Blvd.
 Atlanta, GA 30318

Section 2. Composition, Information on Ingredients

Name of Hazardous Ingredients	CAS #	% by Weight	Exposure Limits
PARAFFIN OIL; blend of heavy and light naphthenic petroleum distillate	64742-52-5	60 - 70	OSHA PEL (United States). TWA: 5 mg/m ³ 8 hour(s). Form: Mist ACGIH TLV (United States). TWA: 5 mg/m ³ 8 hour(s). Form: Mist
PETROLEUM SPIRITS; vm&p naphtha; refined solvent naphtha	64742-89-8	10 - 20	ACGIH (United States). TWA: 300 ppm OSHA (United States). STEL: 400 ppm Supplier Suggested (United States) .
HYDROTREATED LIGHT PETROLEUM DISTILLATES; paraffinic, naphthenic solvent	64742-47-8	1 - 10	TWA: 100 ppm 8 hour(s). Not established
D-LIMONENE; orange distillate; citrus terpene; cyclohexene, 1-methyl-4-(1-methylethenyl)-, (R)-	5989-27-5	1 - 5	ACGIH TLV (United States). TWA: 200 ppm 8 hour(s). OSHA PEL (United States). TWA: 400 ppm 8 hour(s). ACGIH/OSHA (United States). STEL: 400 ppm 15 minute(s).
ISOPROPYL ALCOHOL; ipa; dimethylcarbinol; 2-propanol	67-63-0	1 - 5	

Section 3. Hazards Identification

Acute Effects **Routes of Entry** Dermal contact. Eye contact. Inhalation.
Skin Direct contact may cause irritation and redness. Skin inflammation is characterized by itching, scaling, or reddening. Product may be dermally absorbed. May cause allergic reactions to certain individuals.
Eyes Causes eye irritation. Inflammation of the eye is characterized by redness, watering, and itching.
Inhalation Over-exposure by inhalation may cause respiratory irritation. Can cause central nervous system depression. Avoid inhalation of vapors and spray mist.
Ingestion Harmful if swallowed. Aspiration hazard if swallowed- can enter lungs and cause damage.

Carcinogenic Effects Ingredients: Not listed as carcinogen by OSHA, NTP or IARC.

Chronic Effects Repeated or prolonged exposure to the substance can produce damage to kidneys, liver, central nervous system (CNS). Prolonged skin contact may cause dermatitis with drying and cracking of skin.

See Toxicological Information (section 11)

HMIS	
Health	1
Fire Hazard	3
Reactivity	0
Personal Protection	B

Section 4. First Aid Measures

Eye Contact	Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Check for and remove any contact lenses. Get medical attention immediately.
Skin Contact	Wash affected area with soap or mild detergent and water. Wash clothing before reuse. Get medical attention if irritation develops.
Inhalation	If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.
Ingestion	Aspiration hazard if swallowed- can enter lungs and cause damage. Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention immediately.

Section 5. Fire Fighting Measures

Flash Point	Not available.	Flammable Limits	Not available.
Flammability	Flammable aerosol (CSMA)		
Fire Hazard	CONTENTS UNDER PRESSURE. Flammable liquid and vapor. Vapor may cause flash fire. Vapors may accumulate in low or confined areas, travel considerable distance to source of ignition and flash back. Container explosion may occur under fire conditions or when heated.		
Fire-Fighting Procedures	Use DRY chemicals, CO ₂ , water spray or foam. Cool containing vessels with water jet in order to prevent pressure build-up, autoignition or explosion.		

**Section 6. Accidental Release Measures**

Spill Clean up	Large spills are unlikely due to packaging.
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Section 7. Handling and Storage

Handling	Keep away from heat, sparks and flame. Avoid contact with eyes, skin and clothing. Avoid breathing vapors or spray mists. Use only with adequate ventilation. Do not ingest. Wash thoroughly after handling.
Storage	CONTENTS UNDER PRESSURE. Do not puncture or incinerate container. Keep container in a cool, well-ventilated area. Avoid all possible sources of ignition (spark or flame). Keep out of the reach of children.

Section 8. Exposure Controls, Personal Protection

	Personal Protection	Protective Clothing (Pictograms)
Eyes	Safety glasses.	
Body	For prolonged or repeated handling, use gloves.	
Respiratory	Use with adequate ventilation. A respirator is not needed under normal and intended conditions of product use.	

Section 9. Physical and Chemical Properties

Physical State	Liquid. (Aerosol.)	Color	Amber.
pH	Not applicable.	Odor	Pleasant.
Boiling Point	82°C (179.6°F)	Vapor Pressure	Not determined.
Specific Gravity	0.856 (Water = 1)	Vapor Density	Not determined.
Solubility	Partially soluble in cold water, hot water.	Evaporation Rate	<1 compared to Water
		VOC (Consumer)	212 (g/l). 1.77 lbs/gal 24.80%

Section 10. Stability and Reactivity

Stability and Reactivity	The product is stable.
Incompatibility	Slightly reactive with oxidizing agents, acids, alkalis. Protect from temperature extremes and direct sunlight.
Hazardous Polymerization	Will not occur.
Hazardous Decomposition Products	carbon oxides (CO, CO ₂)

Section 11. Toxicological Information

Toxicity to Animals	Petroleum spirits: VAPOR (LC50): Acute: 3400 ppm 4 hour(s) [Rat].
	Hydrotreated Light Petroleum Distillates : ORAL (LD50): Acute: >5000 mg/kg [Rat]. DERMAL (LD50): Acute: >2000 mg/kg [Rabbit].
	d-Limonene: ORAL (LD50): Acute: >5000 mg/kg [Rat]. DERMAL (LD50): Acute: >5000 mg/kg [Rabbit].
	Isopropyl Alcohol: ORAL (LD50): Acute: 4700 mg/kg [Rat]. DERMAL (LD50): Acute: 13000 mg/kg [Rabbit]. VAPOR (LC50): Acute: 22500 ppm 8 hour(s) [Rat (Male)]. 19000 ppm 8 hour(s) [Rat (Female)].

Section 12. Ecological Information**Ecotoxicity** Not available.**Biodegradable/OECD** Not available.**Section 13. Disposal Considerations****Waste Information** Waste must be disposed of in accordance with federal, state and local environmental control regulations.**Waste Stream** Code: - D001
Classification: - (Ignitable hazardous waste.)
Origin: - (RCRA waste.)**Consult your local or regional authorities.****Section 14. Transport Information****Proper shipping name** Consumer Commodity**DOT Classification** ORM-D**UN number** Not available.**TDG Classification** Consumer Commodity ORM-D**Section 15. Regulatory Information****U.S. Federal Regulations** SARA 313 toxic chemical notification and release reporting:
No products were found.

Clean Water Act (CWA) 311: No products were found.

Clean air act (CAA) 112 regulated toxic substances: No products were found.

All Components of this product are listed or exempt from listing on TSCA inventory.

State Regulations California prop. 65: This product contains the following ingredients for which the State of California has found to cause cancer, birth defects or other reproductive harm, which would require a warning under the statute : Benzene, Toluene**WHMIS (Canada)** Class B-5: Flammable aerosol.
Class D-1B: Material causing immediate and serious toxic effects (TOXIC).
Class D-2B: Material causing other toxic effects (TOXIC).**Section 16. Other Information**

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.